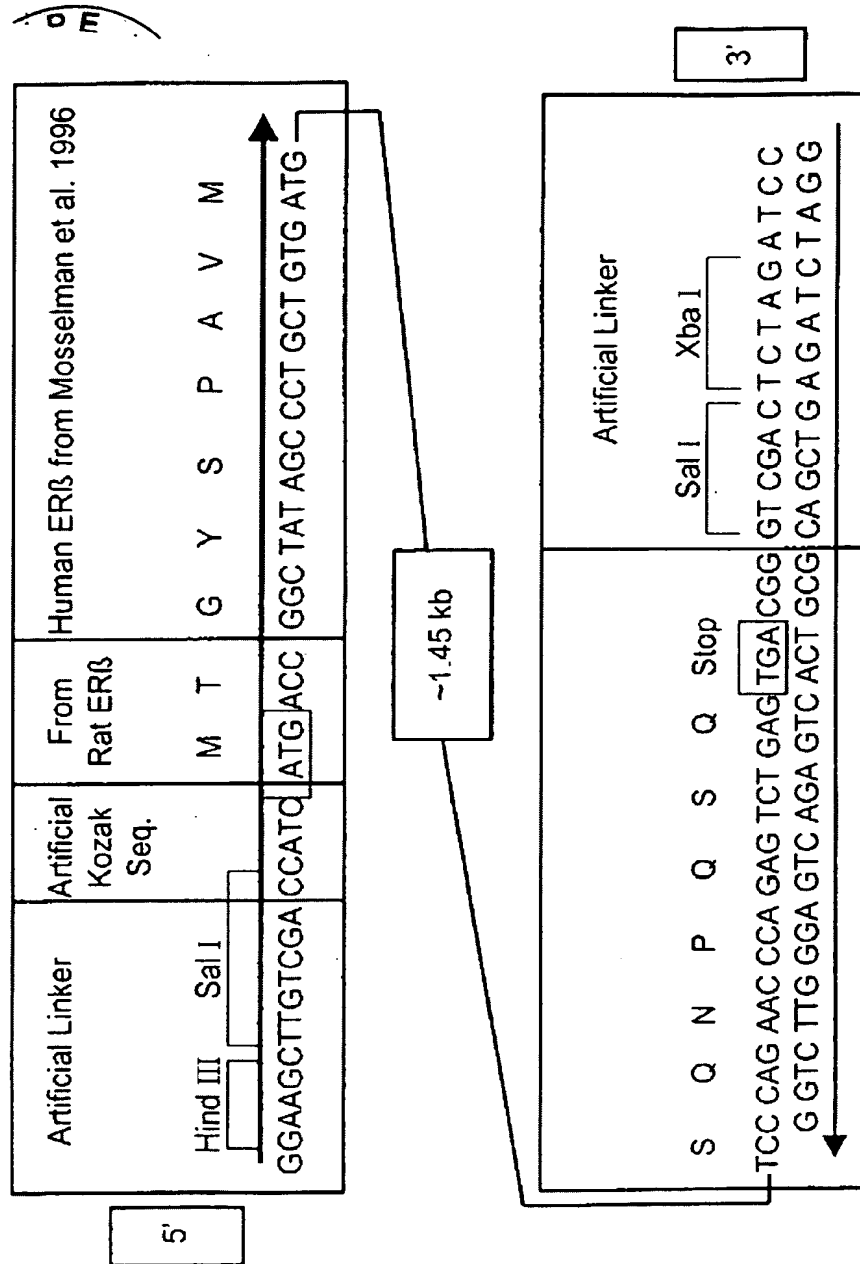


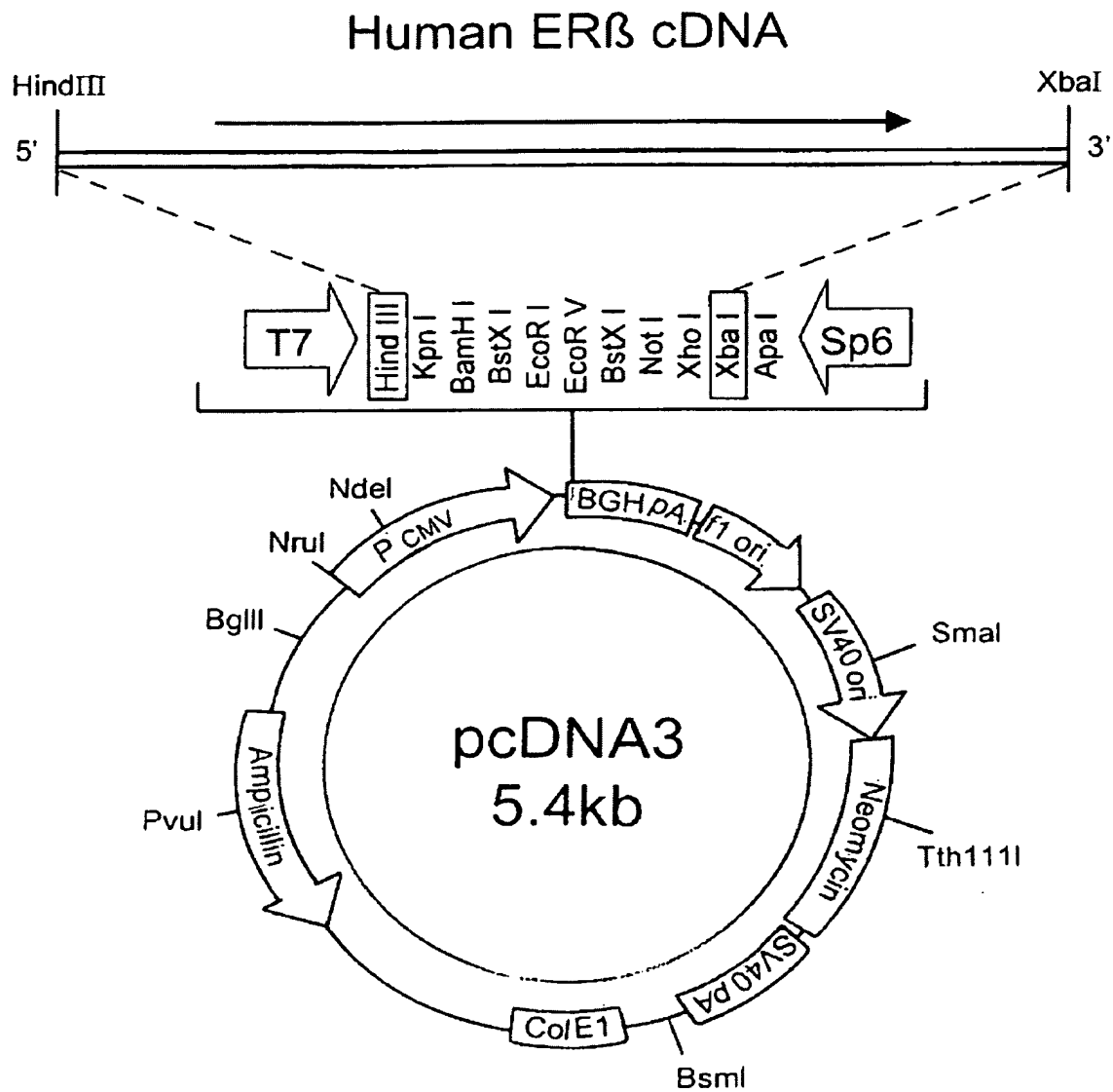


FIG. 1





## FIG. 2





## FIG. 3

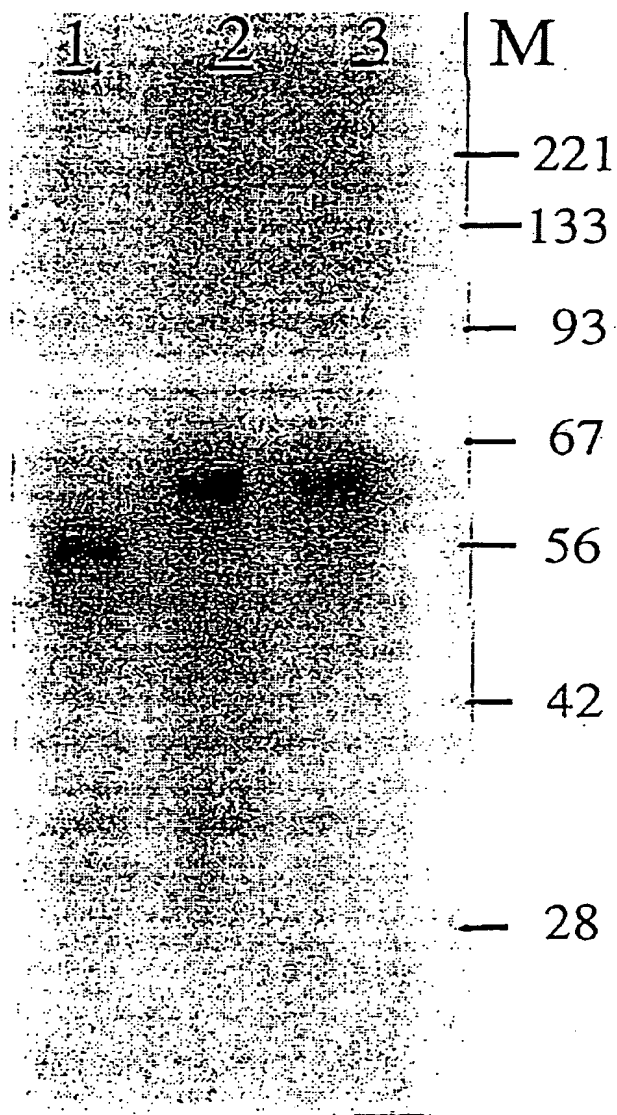
CAGCCATTATACTTGCCACGAATCTTTGAGAACATTATAATGACCTTTGTGCCTCTTCT 60  
TGCAAGGTGTTTTCTCAGCTGCTATCTCAAGACATGGATATAAAAACTCACCATCTAGC 120  
CTTAATTCTCCTTCTCTCACTGCAATCCATCTTACCCCTGGAGCACGGCTCC 180  
ATATACATACCTTCTCTCTATGTAGACAGCCACCATGAATATCCAGCCATGACATTCTAT 240  
AGCCCTGCTGTGATGAATTACAGCATTCCCAGCAATGTCACATACTTGAAGGTGGGCCT 300  
GGTCGGCAGACCACAAGCCCAAATGTGTGTGGCCAAACACCTGGGCACCTTTCTCTTTTA 360  
GTGGTCCATCGCCAGTTATCACATCTGTATGCGGAACCTCAAAAGAGTCCCTGGTGTGAA 420  
GCAAGATCGCTAGAACACACCTTACCTGTAAACAGAGAGACACTGAAAAGGAAGGTAGT 480  
GGGAACCGTTGCGCCAGCCCTGTTACTGGTCCAGGTTCAAAGAGGGATGCTCACTTCTGC 540  
GCTGTCTGCAGCGATTACGCATCGGGATATCACTATGGAGTCTGGTCTGTGAAGGATGT 600  
AAGGCCTTTTTTAAAAGAAGCATTCAAGGACATAATGATTATATTTGTCCAGCTACAAAT 660  
CAGTGTAACAATCGATAAAAAACCGGCGCAAGAGCTGCCAGGCCTGCCGACTTCGGAAGTGT 720  
TACGAAGTGGGAATGGTGAAGTGTGGCTCCCGGAGAGAGAGATGTGGGTACCGCCTTGTG 780  
CGGAGACAGAGAAGTGCCGACGAGCAGCTGCACTGTGCCGGCAAGGCCAAGAGAAGTGGC 840  
GGCCACGCGCCCCGAGTGCAGGAGCTGCTGCTGGACGCCCTGAGCCCCGAGCAGCTAGTG 900  
CTCACCTCTCTGGAGGCTGAGCCGCCCCATGTGCTGATCAGCCGCCCCAGTGCGCCCTTC 960  
ACCGAGGCCTCCATGATGATGTCCCTGACCAAGTTGGCCGACAAGGAGTTGGTACACATG 1020  
ATCAGCTGGGCCAAGAAGATTCCCGGCTTTGTGGAGCTCAGCCTGTTGACCAAGTGCGG 1080  
CTCTTGGAGAGCTGTTGGATGGAGGTGTTAATGATGGGGCTGATGTGGCGCTCAATTGAC 1140  
CACCCCGGCAAGCTCATCTTTGCTCCAGATCTTGTCTGGACAGGGATGAGGGGAAATGC 1200  
GTAGAAGGAATTCTGGAAATCTTTGACATGCTCCTGGCAACTACTTCAAGGTTTCGAGAG 1260  
TTAAACTCCAACACAAAGAATATCTCTGTGTCAAGGCCATGATCCTGCTCAATTCCAGT 1320  
ATGTACCCTCTGGTCAACGACCCAGGATGCTGACAGCAGCCGGAAGCTGGCTCACTTG 1380  
CTGAACGCCGTGACCGATGCTTTGGTTTGGGTGATTGCCAAGAGCGGCATCTCCTCCAG 1440  
CAGCAATCCATGCGCCTGGCTAACCTCCTGATGCTCCTGTCCACGTGAGGCATGCGAGT 1500  
AACAAAGGCATGGAACATCTGCTCAACATGAAGTGCAAAAATGTGGTCCCACTGTATGAC 1560  
CTGCTGCTGGAGATGCTGAATGCCCACGTGCTTCGCGGGTGCAAGTCTCCATCACGGGG 1620  
TCCGAGTGCAGCCCGCAGAGGACAGTAAAAGCAAAGAGGGCTCCCAGAACCCACAGTCT 1680  
CAGTGA 1686

## FIG. 4

MDIKNSPSSL NSPSSYNCSO SILPLEHCSI YIPSSYVDSH HEYPAMTFYS 50  
PAVMNYSIPS NVTNLEGGPG RQTTSPNVLW PTPGHLSPV VHRQLSHLYA 100  
EPQKSPWCEA RSLEHTLPVN RETLKRKVS NRCASPVTPG GSKRDAHFCA 150  
VCSDYASGYH YGVWSCEGCK AFFKRSIQGH NDYICPATNQ CTIDKNRRKS 200  
CQACRLRKCY EVGMVKCGSR RERCYRLVR RQSADEQLH CAGKAKRSG 250  
HAPRVRELL DALSPQLVL TLLEAEPPHV LISRPSAPFT EASMMMSLTK 300  
LADKELVHMI SWAKKIPGFV ELSLFDQVRL LESCWMEVLM MGLMWRSIDH 350  
PGKLIFAPDL VLDRDEGKCV EGILEIFDML LATTSRFREL KLQHKYLCV 400  
KAMILNSSM YPLVTATQDA DSSRKLALHL NAVTDALVWV IAKSGISSQ 450  
QSMRLANLLM LLSHVRHASN KGMEHLLNMK CKNVVPVYDL LLEMLNAHVL 500  
RGCKSSITGS ECSPAEDSKS KEGSQNPQSQ 531

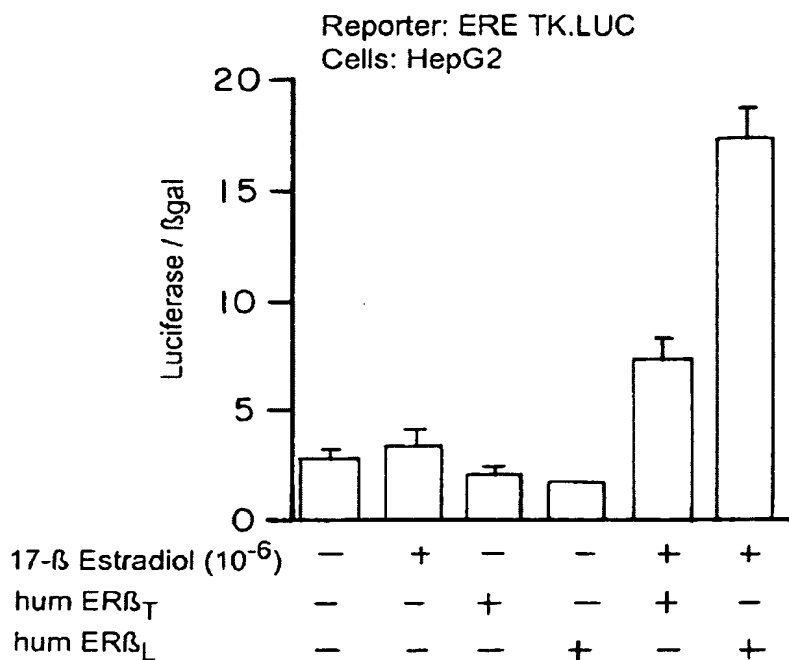


**FIG. 5**

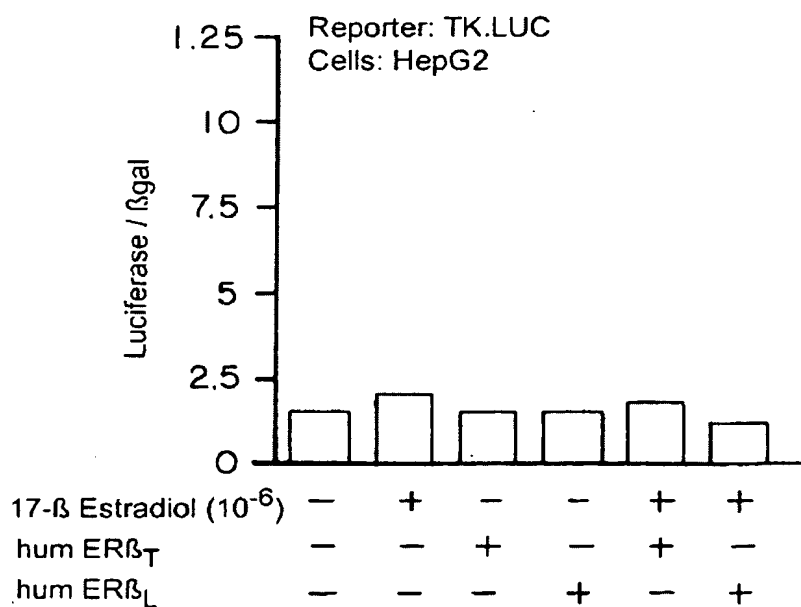




**FIG. 6A**



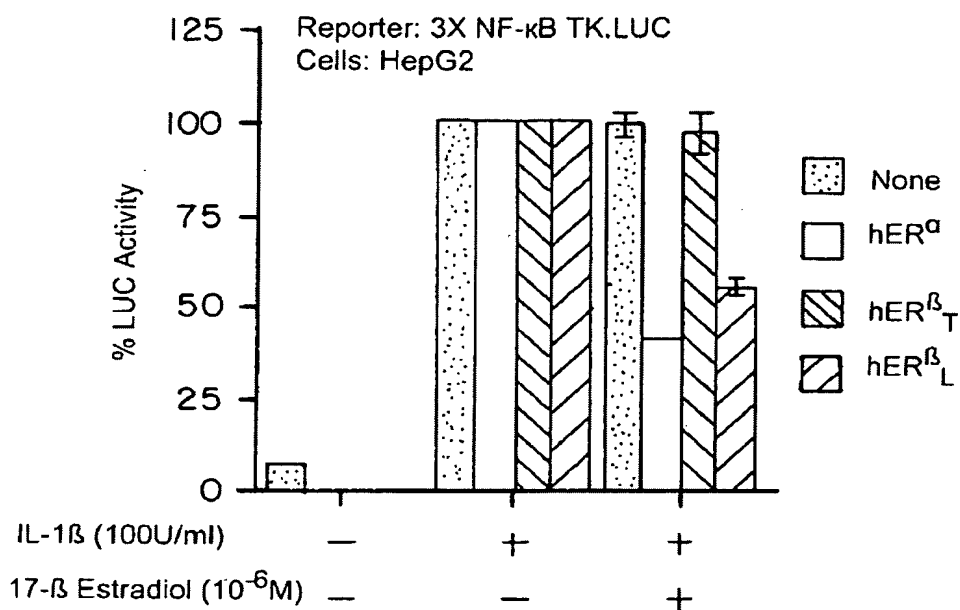
**FIG. 6B**



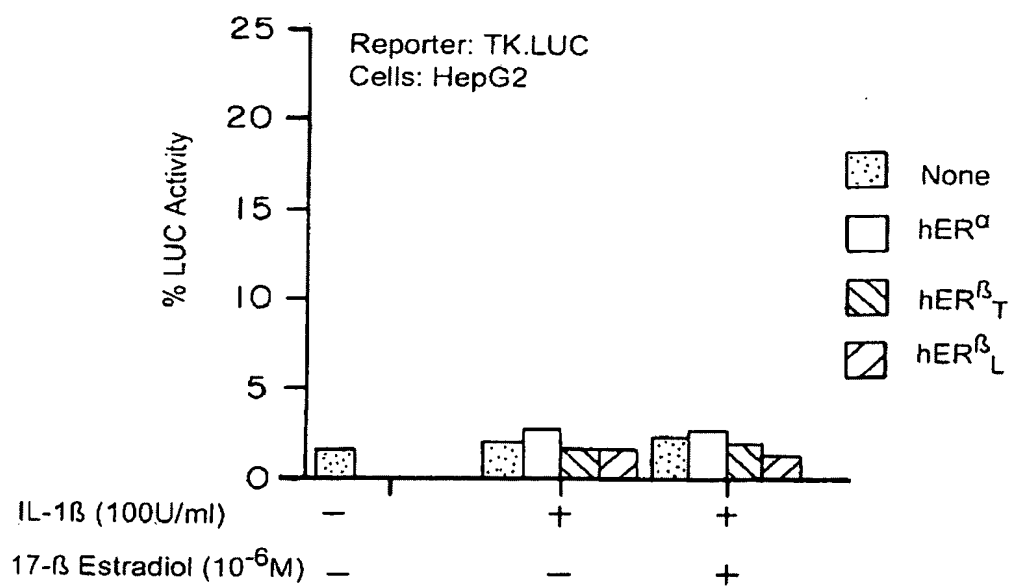


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Inventor: Ramesh A. Bhat et al.  
Title: NOVEL HUMAN ESTROGEN RECEPTOR B  
REPLACEMENT SHEET

**FIG. 7 A**



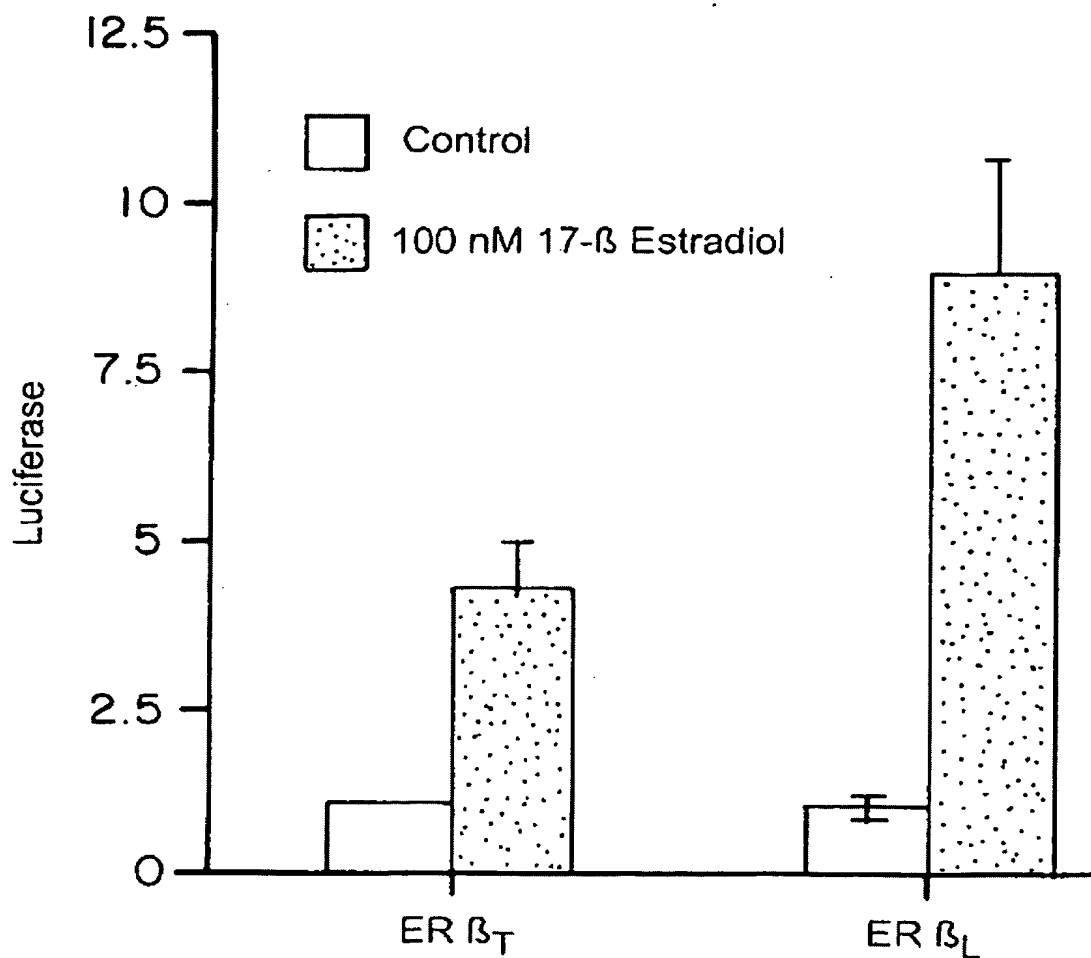
**FIG. 7 B**



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**FIG. 8**



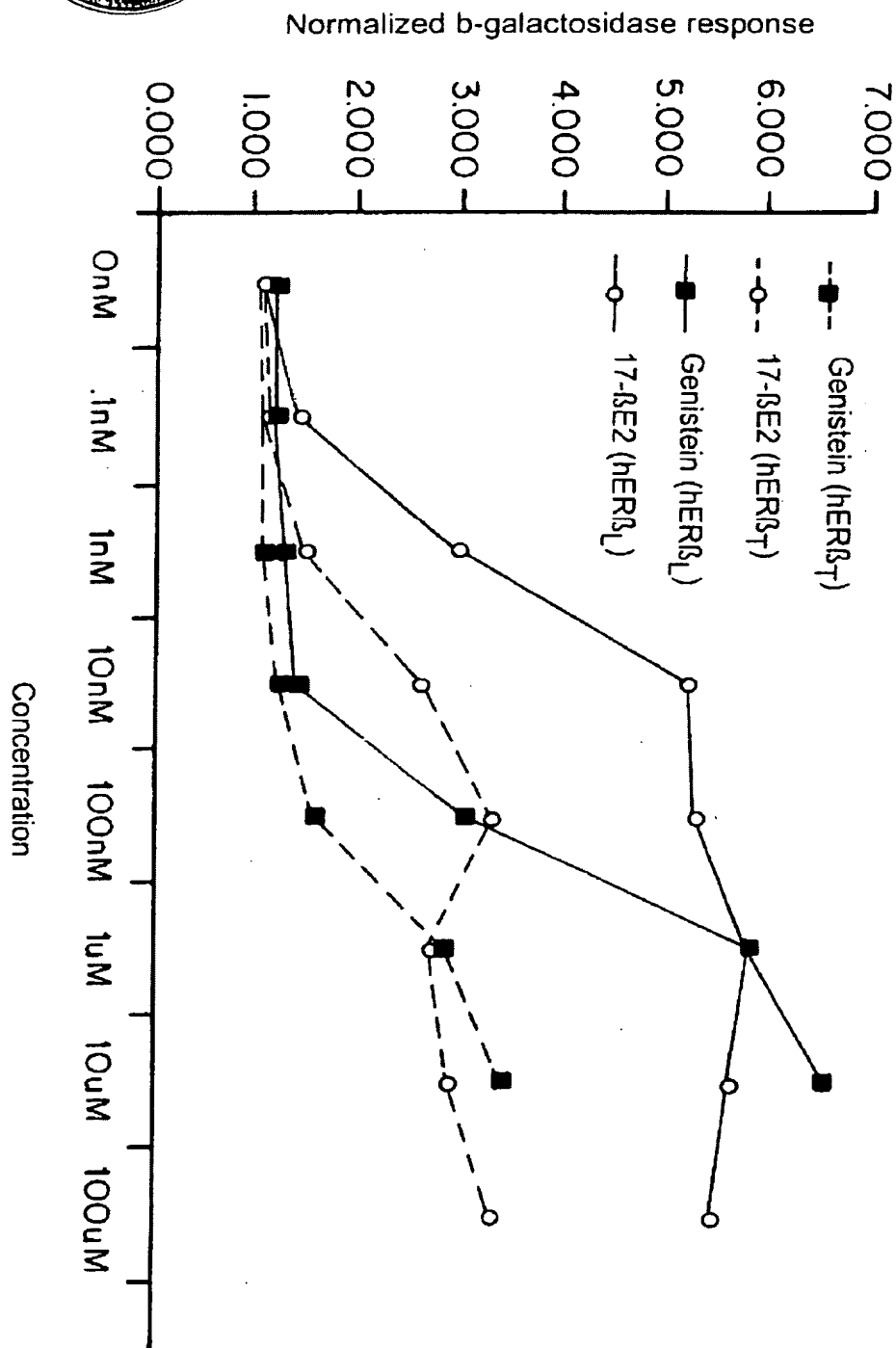


FIG. 9